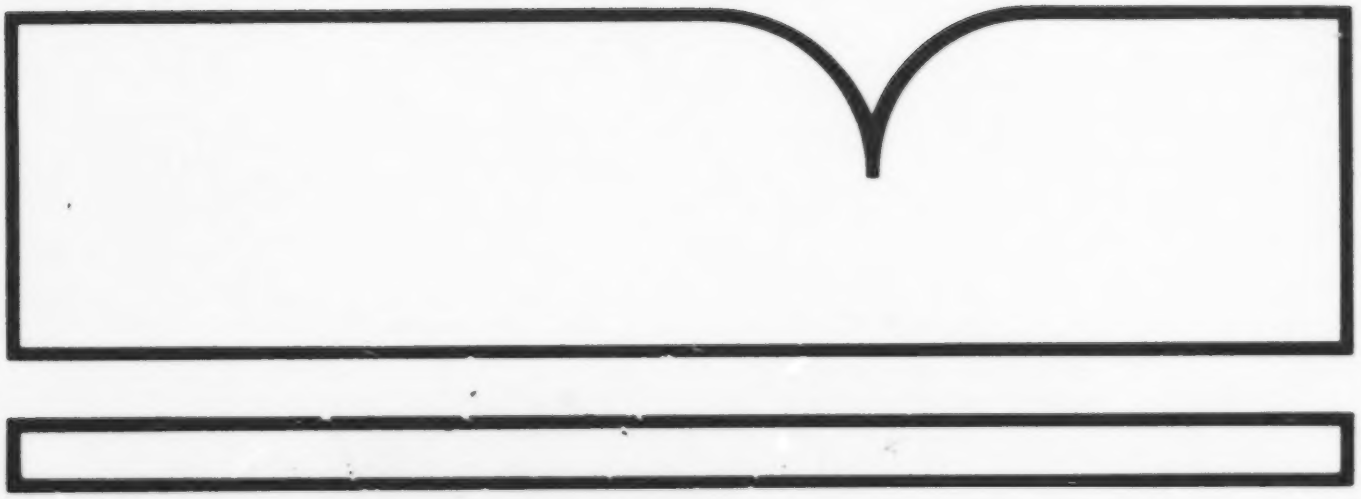
PB89-150668

Cape Cod Aquifer Management Project (CCAMP) Documents Available

(U.S.) Environmental Protection Agency
Boston, MA

Sep 88



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Report Nos: none

Title: Cape Cod Aquifer Management Project (CCAMP) Documents Available.

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Keywords: *Ground water, *Water supply, *Sewage treatment, *Water pollution, Research projects, Hazardous materials, Toxicity, Fertilizers, Water wells, Lagoons(Ponds), Aquifers, Earth fills, Pesticides, Listings, Septage.

Abstract: The report includes a listing of Cape Cod Aquifer Management Project (CCAMP) reports and publications available from NTIS and other sources. Some of the subject areas covered are: Water supply planning; Ground water; Aquifers; Water wells; Sewage disposal and treatment; Hazardous materials and septage disposal.

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Boston, MA 02202
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150 Causeway Street, Boston, MA 02114

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Massachusetts Department of Environ. Quality Engineering (DEQE)
One Winter Street, Boston, MA 02108
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First District Court House, Barnstable, MA 02630

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15. Supplementary Notes

16. Abstract (Limit: 200 words)

Listing of CCAMP Project reports and publications available from NTIS and other sources.

17. Document Analysis a. Descriptors Water supply planning, wellhead protection areas, Ground water management, ground water protection, ground water contamination, water-table aquifer, land-use study, public-supply wells, private wells, aquifer, landfill, underground storage tanks, waste water treatment plants, pesticides, toxic and hazardous materials, road salt, septage pits and lagoons, fertilizers, on-site septage disposal, nitrate loading.

b. Identifiers/Open-Ended Terms
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The Cape Cod Aquifer Management Project

CCPEDC • DEQE • EPA • USGS

CAPE COD AQUIFER MANAGMENT PROJECT (CCAMP)

CCAMP DOCUMENTS AVAILABLE

September, 1988

(An asterisk indicates documents not included in the final report.)

Except as otherwise noted, all CCAMP documents listed below will be available from the National Technical Information Service (NTIS) after October 1, 1988. Contact NTIS directly at the following address:

National Technical Information Service
U. S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161
(703) 487-4650

General

*1. "Cape Cod Aquifer Management Project Description". November 1985.

2. "Cape Cod Aquifer Management Project: Final Report". 1988. EPA 901/3-88-006. (Final Report includes the following item numbers from this CCAMP list of documents: 4-11; 16-19)

*3. "Cape Cod Aquifer Management Project: Executive Summary". 1988. EPA 901/3-88-003.

*4. "The Cape Cod Aquifer Management Project: A Multi-Agency Approach to Groundwater Protection" by T. Gallagher and S. Nickerson. July 1986. In Proceedings of the Third Annual Eastern Regional Ground Water Conference, NWWA, Springfield, MA. pp. 116-135. Available from your technical library or from the National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017.

*5. "A Resource-Based Approach to Groundwater Protection" by Lee Steppacher and Tara Gallagher. May 1988. Environment, Volume 30(4), pp.4,45. (Available from your technical library).

Institutional Recommendations (Items 6-13 available from NTIS as a package):

6. Cape Cod Aquifer Management Project Recommendations, Enhanced Groundwater Protection in Landfills. August 1986.

7. Cape Cod Aquifer Management Project Recommendations, Construction Grants, Groundwater Discharge Permit Program, and Groundwater Classification. December 1986.

8. Cape Cod Aquifer Management Project Recommendations, Water Supply Planning. December 1986.

9. Cape Cod Aquifer Management Project Recommendations, Underground Storage Tank. October 1987.

10. Cape Cod Aquifer Management Project Recommendations, Septage Management. December 1987.

11. Cape Cod Aquifer Management Project Recommendations, Hazardous Materials Use and Disposal. December 1987.

12. Cape Cod Aquifer Management Project Recommendations, Private Well Protection. October 1987.

13. Cape Cod Aquifer Management Project Recommendations, Pesticide Recommendations. January 1988.

Technical Documents

*14 "A Mass-Balance Nitrate Model for Predicting the Effects of Land Use on Groundwater Quality in Municipal Wellhead Protection Areas". June 1988 by M. Frimpter,J. Donohue, and M. Rapacz. February 1988. 50 pp. (Provides managers with an easily understood methodology and the relevant associated data for application of this formula.).

*15. "Guide to Contamination Sources for Wellhead Protection" by K. Noake. 1988. EPA 901/3-88-004. 75 pp. (This handbook provides detailed information on common land uses and associated contaminants and their environmental fate.).

16. "Water-Table Elevations: Eastern Barnstable, Massachusetts, May 11-13, 1987." by D. Heath and E. Mascoop. October 1987.

*17. Locating Available Water-Table Observation Wells". October 1987. (Describes methodology to follow for developing a water-table map utilizing existing observation wells.)

*18. "Demonstration of the Use of Three Dimensional Groundwater Flow Modeling 'nd Particle Tracking to Delineate Zones of Contribution to Public Supply Wells, Cape Cod, MA" by USGS Available May 1, 1990. (Three-year study suggested by CCAMP utilizing numerical modeling in Barnstable and Eastham.). (Available in 1990 from the Books and Open-Files Reports Section; Box 25425, Federal Center; Denver, Colorado 80225.)

Items 19-21 will be available as a package from National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161 after October 1, 1988.

19. "Evaluation of Approaches to Determine Recharge Areas for Public Supply Wells " CCAMP Aquifer Assessment Committee. April 1986. (Summarizes the group's evaluation of Zone II delineations in the study area.)

20. Hydrogeologic Considerations of Zone of Contribution Methods Used by Cape Cod Planning and Economic Development Commission and SEA Consultants, Inc. For Public Supply Wells in Barnstable, Massachusetts". May 1986. (Detailed examination of necessary data for Zone II delineation and discussion of methods of data reduction.)

21. Quality Assurance of Groundwater Models Through Documentation" by John Donohue, IV. June 1986. (Discusses the necessary documentation which should accompany all groundwater modeling efforts.)

Zone II Inventory

*22. "Cape Cod Aquifer Management Project: Land Use Risks, Impacts on Water Quality, and Methods of Analysis" by Gabrielle Belfit. May 1987. Presented at the American Water Resources Symposium on Monitoring, Modeling and Mediating Water Quality, in Syracuse, N.Y., 14 pp. (Available from your technical library)

*23. "The Management of Toxic and Hazardous Materials in a Zone of Contribution on Cape Cod" by Tara. Gallagher and Lee Steppacher. July 1987. In Proceedings of the FOCUS on Eastern Regional Ground Water Issues: A Conference, July 14-16, 1987, Burlington, Vt. pp. 13-41. (Available from your technical library)

Geographic Information Systems (GIS)

*24. Cape Cod Aquifer Management Project. 1988. "Demonstration of a Geographic Information System for Ground Water Protection. EPA 901/3-88-005.

*25. "Assessing Risk to Water Quality at Public Water Supply Sites, Cape Cod, Massachusetts" by Julio Oliympio, Elizabeth Flynn, and Saiping Tso. Water Resources Investigation Report. In Preparation (Available after January 1, 1989 from the USGS, Books and Open-Files Reports Section, Box 25425, Federal Center, Denver, Colorado 80225.)

Bibliography

*26. "CCAMP Bibliographies: Publications and Maps" compiled by EPA Region 1 Library. May 1988. EPA 901/3-88-002.

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